

Test by: F.I.R.S.T. CCB, Inc. Elizabeth, IL

2024 Corn Grain Top 30 Harvest Report

Iowa South [IASO] CLARINDA, IA
Mike & Ben Vardaman, Taylor County, IA 51632

Early-Season Test	106 - 111 Day CRM B2024IASO31a
Top 30 of 30	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Enlist, Round Up, Volunteer
SOIL DESCRIPTION:	Sharpsburg silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, low P, high K, 6.5 pH, 3.4% OM, 19.0 CEC
PEST MANAGEMENT:	Stalwart, Dicamba, Glyphosate (2x), Strike, Stinger, Mesotrione, Cadence Atz Next
FERTILITY - Applied N:	200 Spring, 50 Foliar Rescue
Applied N-P-K (units):	250-0-0
SEEDED - RATE - ROW:	Apr 24 35.0 /A 30" spacing
HARVESTED - STAND:	Sep 25 31.7 /A

TEST COMMENTS:

Planting conditions were very good and the plot emerged well. Ben said that in June they had a strong wind storm that caused some green snap on some hybrids. The damage was scattered through the plot. Plants stood strong with tar spot observed throughout the plot. Ears were well pollinated with long girthy ears. The ears seem to be placed low on the stalks with most of them dropped down. Ears shelled seed off with no problem leaving clean, full cobs behind the combine. The plot received rain the day before harvest and heavy dew the morning of harvest.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6042F RIB ↗	VT4P	110	272.2	16.1	1	30.9	1058	1
Wyffels	W5406RIB ↗	VT2P	108	265.1	15.6	1	32.9	1035	2
NuTech	71A7V ↗	VE	111	260.3	15.7	1	32.9	1016	3
AgVenture	AV6010AM GC ↗	AM	110	257.6	15.3	1	30.9	1010	4
Integra	6061 SSRIB ↗	STX	110	254.8	16.6	1	33.8	985	7
Dyna-Gro	D51VC95RIB ↗	VT2P	111	253.1	15.5	1	30.0	989	6
NuTech	69C7PCE ↗	PCE	109	251.0	16.3	1	30.9	973	8
Renk	RK800VT4PRO ↗	VT4P	110	248.4	16.3	1	32.9	964	11
NuTech	66D1AM ↗	AM	106	247.3	15.2	1	30.9	970	9
NuTech	71A2V ↗	VE	111	247.2	15.6	1	30.9	966	10
NuTech	68C1V ↗	VE	108	242.5	15.4	1	30.9	949	12
NK Brand	NK1056-V ↗	V	110	241.9	16.3	1	32.9	938	16
FS InVision	FS 5947T RIB ↗	TRE	109	241.5	16.4	1	30.9	935	18
Dyna-Gro	D49PN05RA ↗	PCE	109	241.2	15.4	1	30.0	944	13
Integra	5935PCE ↗	PCE	109	240.8	15.7	1	31.9	939	14
Golden Harvest	G10L16-DV ↗	DV	110	240.0	17.3	1	31.9	921	21
Wyffels	W6505 ↗	TRE	110	239.7	15.7	1	30.9	935	19
Integra	5802 VT2PRIB ↗	VT2P	108	239.6	15.3	1	32.9	938	17
FS InVision	FS 6133VDG RIB ↗	VT2PDG	111	239.4	16.9	1	32.9	922	20
FS InVision	FS 5949PC RA ↗	PCE	109	239.3	15.2	1	30.9	939	15
Wyffels	W6215RIB ↗	TRE	109	235.0	16.1	1	32.9	913	22
LG Seeds	LG58C48VT2PRIB GC ↗	VT2P	108	227.6	15.0	1	30.9	894	23
Wyffels	W6886RIB ↗	VT2P	111	226.0	17.3	1	30.9	867	25
Axis	59D50RIB GC ↗	STX	109	225.1	16.4	4	30.9	872	24
Golden Harvest	G11V76-AA ↗	AA	111	218.4	16.1	1	30.9	849	26
Merschman	2411C-30 GC ↗	PCE	111	213.4	16.5	4	31.9	826	27
Dyna-Gro	D50SP65RIB ↗	STXP	110	204.5	15.5	1	31.9	800	28
NK Brand	NK1188-AA ↗	AA	111	203.4	16.3	9	30.9	789	29
FS InVision	FS 6137PC RA ↗	PCE	111	202.2	16.0	9	32.9	787	30
PIONEER	P1027AM CK	AM	110	257.6	16.4	1	32.9	998	5
				Averages =	239.2	16.0	2	31.7	931
				LSD (0.10) =	11.7	ns	ns		
				LSD (0.25) =	6.1	ns	ns		
				C.V. =	4.6				
				Historic yield: 209.1 bu/a, 9 yr(s)					



Randy Meinsma

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$3.93

Report Date: 10/02/2024

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

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2024 Corn Grain Top 30 Harvest Report

Iowa South [IASO] CLARINDA, IA
Mike & Ben Vardaman, Taylor County, IA 51632

Full-Season Test	112 - 116 Day CRM B2024IASO31b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Enlist, Round Up, Volunteer
SOIL DESCRIPTION:	Sharpsburg silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, low P, high K, 6.5 pH, 3.4% OM, 19.0 CEC
PEST MANAGEMENT:	Stalwart, Dicamba, Glyphosate (2x), Strike, Stinger, Mesotrione, Cadence Atz Next
FERTILITY - Applied N:	200 Spring, 50 Foliar Rescue
Applied N-P-K (units):	250-0-0
SEEDED - RATE - ROW:	Apr 24 35.0 /A 30" spacing
HARVESTED - STAND:	Sep 25 32.0 /A

TEST COMMENTS:

Planting conditions were very good and the plot emerged well. Ben said that in June they had a strong wind storm that caused some green snap on some hybrids. The damage was scattered through the plot. Plants stood strong with tar spot observed throughout the plot. Ears were well pollinated with long girthy ears. The ears seem to be placed low on the stalks with most of them dropped down. Ears shelled seed off with no problem leaving clean, full cobs behind the combine. The plot received rain the day before harvest and heavy dew the morning of harvest.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK825VT4P ↗	VT4P	112	283.0	17.4	1	30.9	1085	1
Wyffels	W7945RIB ↗	TRE	114	274.5	18.4	1	32.9	1042	3
Dyna-Gro	D56TC44RIB ↗	TRE	116	273.9	17.7	1	32.9	1046	2
Wyffels	W7876RIB ↗	VT2P	114	266.6	17.6	1	32.9	1020	4
Hoegemeyer	8418AM ↗	AM	114	263.9	17.0	1	32.9	1016	5
Titan Pro	40-13 PCE ↗	PCE	113	262.2	16.5	1	30.0	1014	6
Integra	6493 VT2PRIB ↗	VT2P	114	261.6	17.4	1	33.8	1003	7
FS InVision	FS 6447T RIB ↗	TRE	114	259.3	18.9	1	31.9	978	10
Integra	6624TRERIB ↗	TRE	116	258.1	17.5	1	32.9	988	8
NuTech	73A4AM ↗	AM	113	258.0	17.8	1	32.9	985	9
NuTech	75C1PCE ↗	PCE	115	256.7	18.7	1	31.9	970	14
Wyffels	W7759RIB ↗	STXP	113	256.6	18.0	1	32.9	978	11
Golden Harvest	G15U34-V ↗	V	115	255.5	17.9	1	30.9	974	12
NK Brand	NK1523-V ↗	V	115	251.8	17.5	1	30.9	965	15
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	251.6	17.5	1	32.9	964	16
Renk	RK876VT2P ↗	VT2P	113	251.6	16.7	1	31.9	972	13
Hoegemeyer	8684PCE ↗	PCE	116	250.2	18.0	1	30.9	953	17
Golden Harvest	G12U11-AA ↗	AA	112	249.4	18.2	1	31.9	948	19
NuTech	74A5PCE ↗	PCE	114	248.5	17.6	1	32.9	951	18
NK Brand	NK1307-DV ↗	DV	113	246.6	19.4	1	30.9	926	22
NK Brand	NK1386-VZ ↗	VZ	113	241.0	17.3	1	32.9	925	23
NuTech	70B4AM ↗	AM	110	239.5	15.6	1	31.9	935	21
Wyffels	W8086RIB ↗	VT2P	114	238.5	18.0	1	30.9	909	24
NK Brand	NK1228-AA ↗	AA	112	235.6	17.7	1	31.9	900	25
FS InVision	FS 6349PC RA ↗	PCE	113	234.0	17.5	1	30.9	896	26
Renk	RK921VT2P ↗	VT2P	115	232.1	17.9	6	33.8	885	27
NuTech	72C1PCE ↗	PCE	112	225.4	17.3	4	30.9	865	28
Renk	RK958VT2P ↗	VT2P	115	222.4	17.8	1	32.9	849	29
Dyna-Gro	D53VC54RIB ↗	VT2P	113	221.6	18.5	1	31.9	840	30
Integra	6244PCE ↗	PCE	112	217.5	16.9	6	30.9	838	31
PIONEER	P1027AM CK	AM	110	246.4	17.5	1	31.9	944	20
				Averages =	242.2	17.7	2	32.0	925
				LSD (0.10) =	20.6	1.1	ns		
				LSD (0.25) =	10.8	0.6	ns		
				C.V. =	8.0				
								Historic yield: 209.1 bu/a, 9 yr(s)	

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$3.93

Report Date: 10/02/2024

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

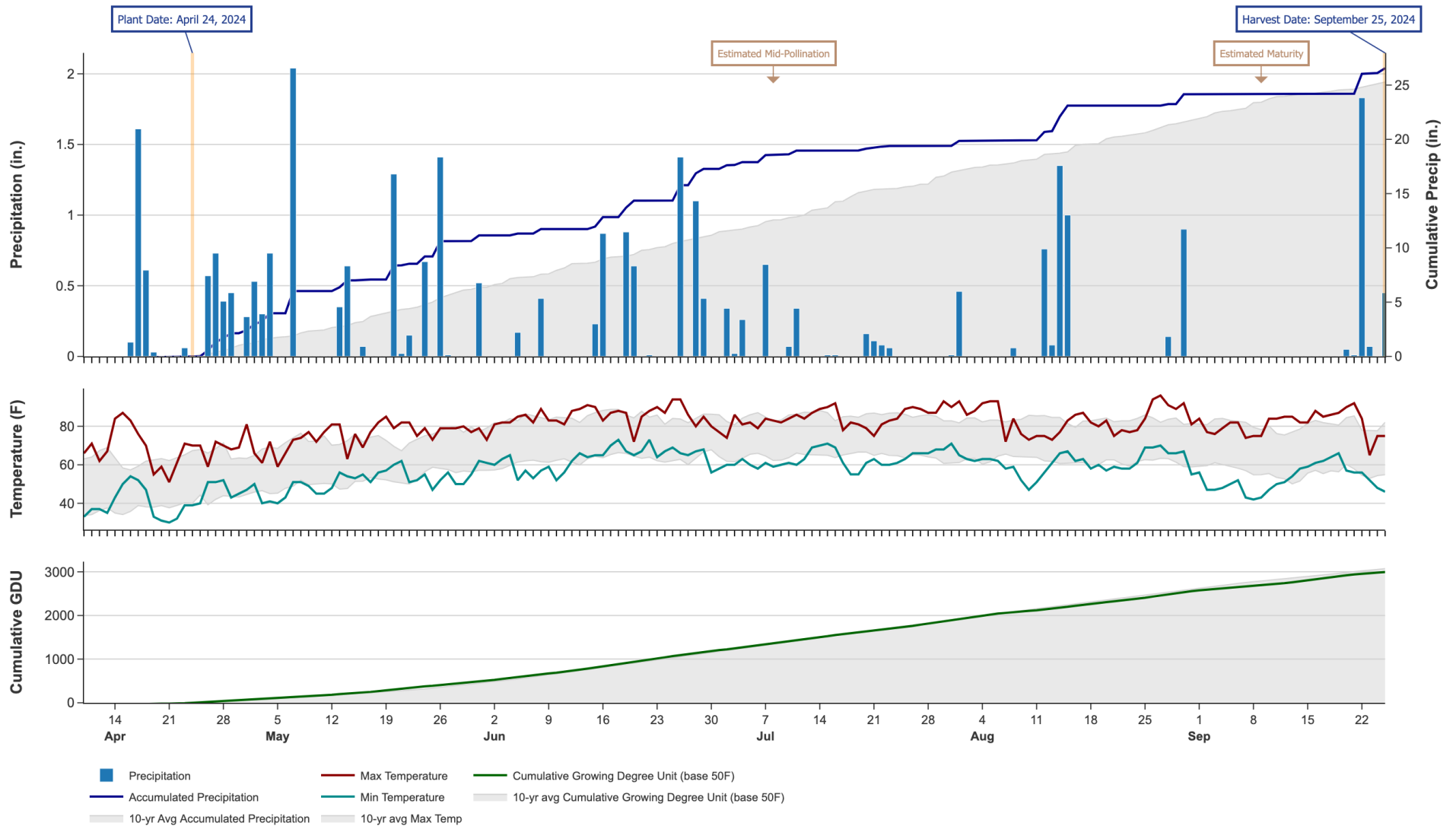
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2024 Corn - Iowa South [IASO]

Weather Conditions Summary at CLARINDA, IA

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in.) (Diff)	4.5 2.3 (+2.2)	9.0 5.3 (+3.7)	6.1 4.8 (+1.3)	2.1 5.8 (-3.7)	4.8 4.8 (-0.1)	2.4 3.5 (-1.1)	29.0 26.6 (+2.4)
GDU Avg (Diff)	181 110 (+70)	432 393 (+38)	700 701 (-1)	708 763 (-55)	660 702 (-42)	437 460 (-23)	3118 3131 (-13)



* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

2024 Corn - Iowa South [IASO]

Early-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV6010AM GC	AM	Y	110	Lum
Axis	59D50RIB GC	STX	Y	109	AC,P5V
Dyna-Gro	D49PN05RA	PCE	Y	109	AC,P5V
Dyna-Gro	D50SP65RIB	STXP	Y	110	AC,P5V,EDC-B
Dyna-Gro	D51VC95RIB	VT2P	Y	111	AC,P5V
FS InVision	FS 5947T RIB	TRE	Y	109	AC,P5V,EDC-EL
FS InVision	FS 5949PC RA	PCE	Y	109	AC,P5V
FS InVision	FS 6042F RIB	VT4P	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6133VDG RIB	VT2PDG	Y	111	AC,P5V
FS InVision	FS 6137PC RA	PCE	N	111	AC,P5V
Golden Harvest	G10L16-DV	DV	Y	110	AVC,C1,Vi,Va
Golden Harvest	G11V76-AA	AA	Y	111	AVC,C1,Vi,Va
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,St,SU
Integra	5935PCE	PCE	Y	109	AC,P5V,St,SU
Integra	6061 SSRIB	STX	Y	110	AC,P5V,St,SU
LG Seeds	LG58C48VT2PRIB GC	VT2P	Y	108	AC,P5V
Merschman	2411C-30 GC	PCE	N*	111	NA
NK Brand	NK1056-V	V	Y	110	CM,C2,Vi,Va
NK Brand	NK1188-AA	AA	Y	111	CM,C5,Vi,Va
NuTech	66D1AM	AM	Y	106	LumPro P2
NuTech	68C1V	VE	Y	108	LumPro P2
NuTech	69C7PCE	PCE	Y	109	LumPro P2
NuTech	71A2V	VE	Y	111	LumPro P2
NuTech	71A7V	VE	Y	111	LumPro P2
Pioneer	P1027AM CK	AM	Y	110	Lum
Renk	RK800VT4PRO	VT4P	N	110	AC,P5V,EDC-EL
Wyffels	W5406RIB	VT2P	Y*	108	CM,C2,Vi,Va
Wyffels	W6215RIB	TRE	Y*	109	CM,C2,Vi,Va
Wyffels	W6505	TRE	N	110	AC,P5V
Wyffels	W6886RIB	VT2P	Y*	111	CM,C2,Vi,Va

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

2024 Corn - Iowa South [IASO]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Dyna-Gro	D53VC54RIB	VT2P	Y	113	AC,P5V
Dyna-Gro	D56TC44RIB	TRE	Y	116	AC,P5V
FS InVision	FS 6349PC RA	PCE	Y	113	CM,C2,Vi,Va
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	AC,P5V
FS InVision	FS 6447T RIB	TRE	Y	114	AC,P5V,EDC-EL
FS InVision	FS 6545V RIB	VT2P	Y	115	AC,P5V
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V
Golden Harvest	G12U11-AA	AA	Y	112	CM,C1,Vi,Va
Golden Harvest	G15U34-V	V	Y	115	CM,C2,Vi,Va
Hoegemeyer	8418AM	AM	Y	114	Lum, L1
Hoegemeyer	8684PCE	PCE	Y	116	Lum, L1
Integra	6244PCE	PCE	N	112	NA
Integra	6493 VT2PRIB	VT2P	Y*	114	NA
Integra	6624TRERIB	TRE	Y	116	NA
NK Brand	NK1228-AA	AA	Y	112	CM,C1,Vi,Va
NK Brand	NK1307-DV	DV	Y	113	CM,C1,Vi,Va
NK Brand	NK1386-VZ	VZ	Y	113	CM,C2,Vi,Va
NK Brand	NK1480-DV	DV	Y	114	CM,C5,Vi,Va
NK Brand	NK1523-V	V	Y	115	CM,C5,Vi,Va
NuTech	70B4AM	AM	Y	110	LumPro P2
NuTech	72C1PCE	PCE	Y	112	LumPro P2
NuTech	73A4AM	AM	Y	113	LumPro P2
NuTech	74A5PCE	PCE	Y	114	LumPro P2
NuTech	75C1PCE	PCE	Y	115	LumPro P2
Pioneer	P1027AM CK	AM	Y	110	Lum
Renk	RK825VT4P	VT4P	N	112	AC,P5V,EDC-EL
Renk	RK876VT2P	VT2P	Y*	113	AC,P2
Renk	RK921VT2P	VT2P	N	115	AC,P5V,EDC-EL
Renk	RK958VT2P	VT2P	Y*	115	AC,P2
Titan Pro	28-14 PCE	PCE	N	114	CM,C2,Vi,Va
Titan Pro	40-13 PCE	PCE	Y	113	CM,C2,Vi,Va
Wyffels	W7485	TRE	N	112	AC,P5V
Wyffels	W7759RIB	STXP	Y*	113	CM,C2,Vi,Va
Wyffels	W7876RIB	VT2P	Y	114	CM,C2,Vi,Va
Wyffels	W7945RIB	TRE	Y*	114	CM,C2,Vi,Va
Wyffels	W8086RIB	VT2P	Y*	114	CM,C2,Vi,Va

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

Footnotes and Abbreviations Descriptions

Brand Footnotes

CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta. Power Plus® brand seed is distributed by Burrus. Power Plus® is a registered trademark of Corteva Agriscience.

Corn Technologies

AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
PCE	PowerCore® Enlist®
STX	SmartStax®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VE	Vorceed™ Enlist®
VT2P	VT Double PRO®
VT2PDG	DroughtGard® with VT Double PRO®
VT4P	VT4Pro™ with RNAi Technology
VZ	Viptera™ Z3 (Vip,CB,VTP,LL,GT), formerly Agrisure Viptera® 3330

NOTE: The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments*

NA	Not Available
AC,P2	Acceleron® 250
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,St,SU	Acceleron® Poncho 500/Votivo, Stamina, StepUp
AVC,C1,Vi,Va	Avicta® Complete 1250, Vibrance®, Vayantis®
CM,C1,Vi,Va	CruiserMaxx® 1250 with Vibrance, Vayantis®
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Vi,Va	CruiserMaxx® 500 with Vibrance, Vayantis®
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
LumPro P2	Lumiscend Pro /Lumiflex fungicide, L-2012R bio-fungicide, Lumisure 250/ Lumivia250 insecticide, Lumialza nematocide

* Seed treatments may include unspecified plant health promoting components.